



Motion systems

for challenging **MedTech** applications



SONCEBOZ

A family-owned company
since 1936

Our core competencies consist of design, development and production of **mechatronic drive systems** and **electric motors** that operate in **harsh environments**.

We are committed to improving safety, decreasing energy consumption and minimizing the impact on the environment. Our focus on **innovation, best in class quality** and **exceptional service** is our key to success for worldwide OEM customers and their suppliers.

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Your contact for MedTech solutions
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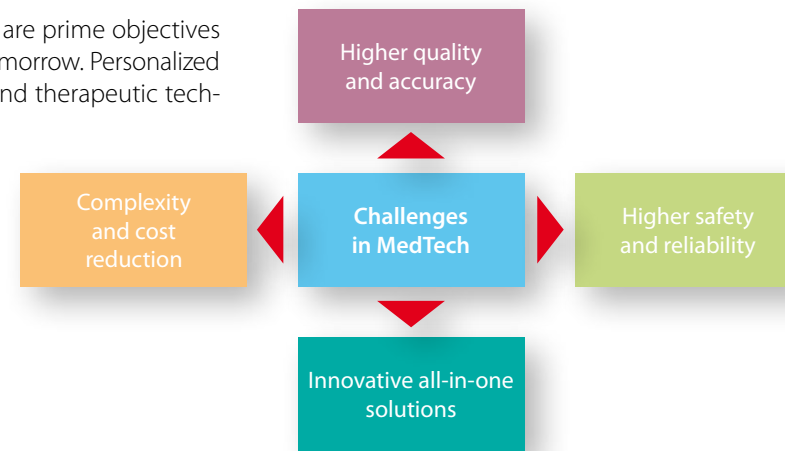
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Challenges in MedTech

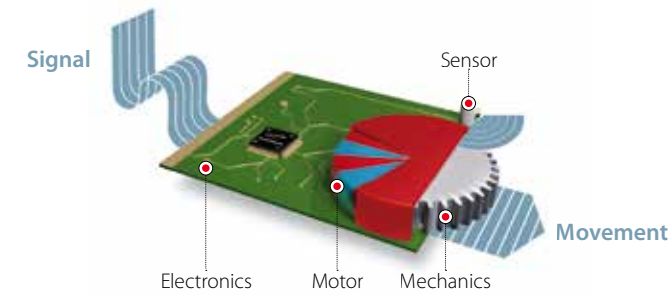
Highest reliability, miniaturization and cost-effectiveness are prime objectives for the world's makers of medical devices for today and tomorrow. Personalized healthcare, shifting demographics, targeted diagnostic and therapeutic techniques drive demand for:

- added-value subassemblies and one-stop-shop partners
- smart motion systems including motors, electronic controls and sensors
- extensive integration of compact components due to packaging constraints
- increased dependability and robustness



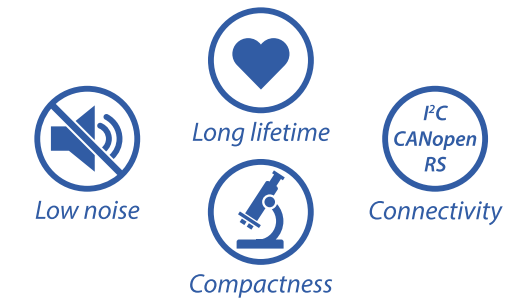
Why Sonceboz?

Custom mechatronic drives



- Drive with closed-loop regulation to 0 rpm
- Integrated security sensors
- Optimised brushless structure for your application
- High torque at low speed
- Compact and integrated design
- Rotary and linear low-noise solutions

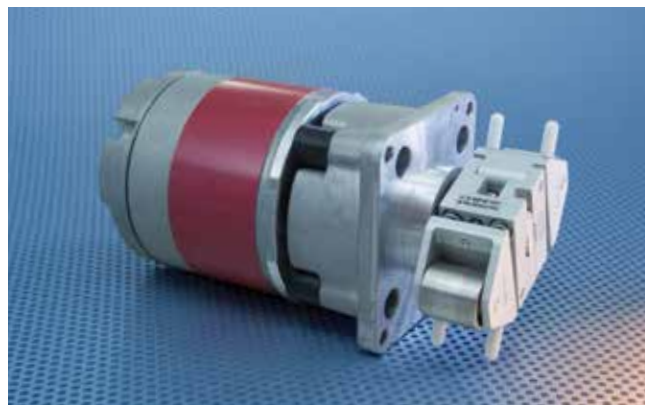
Expertise to meet your challenging specifications



- Low noise design <30 dBA
- Long service life: >40'000 hrs
- Compact, low-mass design
- Large custom solutions for large project quantities
- ISO 13485

Optimal mechatronic solutions for:

Pumps



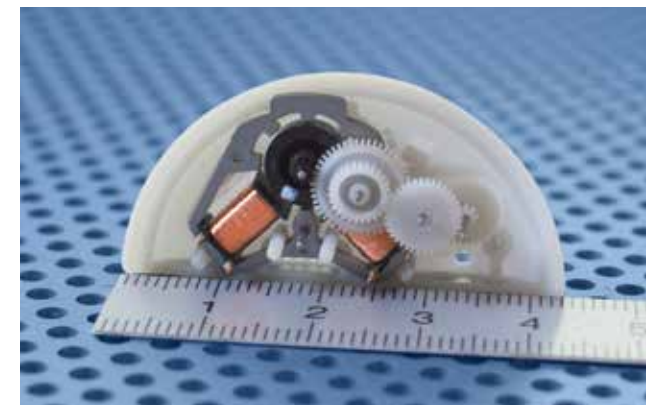
- Very quiet; won't disturb patients
- Speed control down to 0 rpm
- Outstanding lifetime due to direct drive without gear
- Integrated security encoder

Valves & Clamps



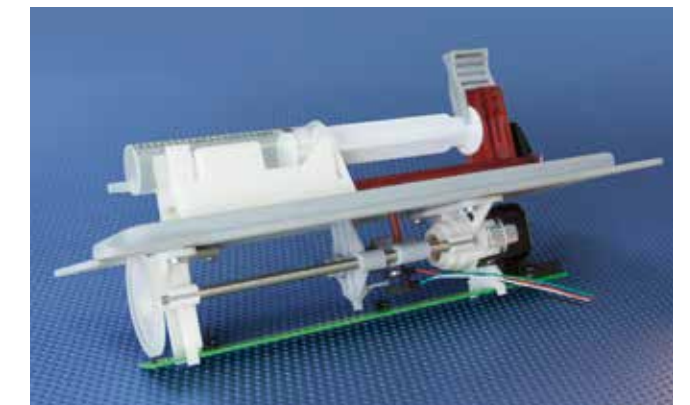
- Failsafe design
- Low-noise due to new drive technology without solenoid
- Zero power draw to maintain open position
- Tube and position detection's sensor

Portable devices



- Miniaturized & flat motor design for easy integration into patch pumps, bolus injectors and other compact devices
- Cost effective for high volume
- Integration of absolute or relative position sensors

Precision dosing



- Manual override plunger to reset to start position
- High positioning accuracy for highly precise dosing
- Modular design and optional pressure sensing
- Integrated security encoder

Proven Sonceboz expertise:

Sonceboz mechatronic drives reduce system complexity while increasing dependability and robustness for any dosing, control and positioning need.



Your benefits

- One single partner for development and production
- In-house validation facilities
- Highly compact design due to mechatronic integration
- Fast time-to-market thanks to experience in MedTech projects
- A reliable family-owned partner on your side